EOC-3660 EXT

Outdoor 7+1 Multi-Function Access Point

2.4 GHz	802.11 b/g	54 Mbps

The Outdoor Wireless EOC-3660 EXT is a powerful, enhanced, enterprise product support 7 multi-functions to operate for every working environment.

This is Wireless High Power and High Gain Client Bridge/ Access Point / Repeater operates seamlessly in the 2.4 GHz frequency spectrum supporting the 802.11b/g (2.4GHz) standard. It supports high output power levels setting, bandwidth selection, diversity function and RSSI indicator can has the best transmit and receive signal for traffic communication.

EOC-3660 EXT has wall mount and mast mount kit and support IEEE802.3af PoE function for building on Outdoor environment easily.

To protect your wireless connectivity, it can encrypt all wireless transmissions through WEP data encryption and supports WPA/WPA2. EOC-3660 EXT also support IEEE 802.1x Supplicant function in CB mode, has the enhanced security in Client. Thus, EOC-3660 EXT has mighty security function for your network safety.

Package Content

- 1* 802.11b/g Client Bridge (EOC-3660 EXT)
- 1* PoE injector with Power Adapter
- 1* Quick Start Guide
- 1* Wall Mounting kit
- 1*1.8m Grounding Cable
- 1*Mast mounting kit
- 1*Waterproof kit
- 1* CD-ROM with User's Manual 1*CD (User's Manual)

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Features	Benefits
High Speed Data Rate Up to 54Mbps	Capable of handling heavy data payloads such as MPEG video streaming
High Output Power up to 28 dBm	Extended excellent Range and Coverage (fewer APs)
IEEE 802.11b/g Compliant	Fully Interoperable with IEEE 802.11b/IEEE802.11g compliant devices
Watertight and Weatherproof	Avoid water invaded and weather corroded for outdoor environment
Wall mount and mast mount kit support	Building on Outdoor environment easily.
Detachable antenna support (N-Type)	Collocate with any antenna for user's environment
7+1 Multi-Function	Users can use different mode in various environment
Point-to-point, Point-to-multipoint Wireless Connectivity	Let users transfer data between two buildings or multiple buildings
Bandwidth selection	Using different bandwidth to reach varied distance
Support RSSI indicator bar (CB mode)	Users can select the best signal to connect with AP easily
Power-over-Ethernet (IEEE802.3af)	Flexible Access Point locations and cost savings
Universal Repeater	The easiest way to expand your wireless network's coverage
Support Multi-SSID function (4 SSID) in AP mode	Allow clients to access different networks through a single access point and assign different policies and functions for each SSID by manager
Diversity support	Enhance the traffic signal
WPA2/WPA/ IEEE 802.1x support	Powerful data security
802.1x Supplicant support (CB mode)	More powerful data security in Client Bridge mode
MAC address filtering in AP mode(up to 50)	Ensures secure network connection
PPPoE function support (CR mode)	Easy to access internet via ISP service authentication
SNMP Remote Configuration Management	Help administrators to remotely configure or manage the Access Point easily.
QoS (WMM) support	Enhance user performance and density

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Technical Specifications

- **Hardware Specifications**

  - **Hardware Summary**

Expansion Slots	N/A
Physical Interface	● LAN: One 10/100 Fast Ethernet RJ-45 ● Reset Button
LEDs Status	● Power/ Status ● LAN (10/100Mbps) ● WLAN (Wireless Connection) ● 3* Link Quality (Client Bridge mode) ➢ Green: Good Quality ➢ Yellow: Marginally Acceptable Quality ➢ Red: Bad Quality
Power Requirements	● Active Ethernet (Power over Ethernet, IEEE802.3af)- 48 VDC/0.375A
Regulation Certifications	● FCC Part 15/UL, ETSI 300/328/CE

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➢ Mechanical

➢ RF Specification

Frequency Band	2.400～2.484 GHz
Media Access Protocol	Carrier sense multiple access with collision avoidance (CSMA/CA)
Modulation Technology	● OFDM: BPSK, QPSK, 16-QAM, 64-QAM ● DBPSK, DQPSK, CCK
Operating Channels	11 for North America, 14 for Japan, 13 for Europe
Receive Sensitivity (Typical)	● IEEE802.11g 6Mbps@ -95dBm 54Mbps@ -75dBm ● IEEE802.11b 1Mbps@ -98dBm 11Mbps@ -93dBm
Available transmit power	● IEEE802.11g 26dBm@6~24 Mbps 25dBm@36 Mbps 23dBm@48 Mbps 22dBm@54Mbps ● IEEE802.11b 27dBm@1 ~ 11Mbps
Antenna *2	Omni-directional external antenna N type; Peak Gain = 5 dBi

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- **Software Features**

  - **Setting**

Topology	Infrastructure/Ad-Hoc
Operation Mode	Client Bridge/Access Point/Repeater/WDS/Client Router/AP Router/PtP
LAN	• DHCP Server • DHCP Client
WAN (Client Router /AP Router mode)	• PPPoE
Router	• NAT/ NAPT
VPN	VPN pass-through (PPTP, L2TP, IPSEC)
Wireless	• Wireless Mode – 11b / 11g / Disable • Channel Selection (Setting varies by Country) • Transmission Rate ➢ 11 b/g: 54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, 1 in Mbps • Transmit power (4 levels) • Distance Control (Ack timeout) • Signal Strength • Bandwidth Selection- 20/10/5MHz • RSSI indicator bar (CB mode) • Antenna Diversity
Security	• WEP Encryption-64/128/152 bit • WPA Personal (WPA-PSK using TKIP or AES) • WPA Enterprise (WPA-EAP using TKIP) • 802.1x Authenticator • 802.1x Suppliciant- TTLS (Client Bridge mode) • Hide SSID in beacons • Multiple SSID with 802.1q VLAN tagging (up to 4 SSIDs)(AP mode) • MAC Filter(AP mode) • L2 isolation(AP mode) • Wireless STA (Client) connected list • Lock to AP MAC (Client Bridge mode)
QoS	• WMM

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➢ **Management**

Configuration	Web-based configuration (HTTP)/Telnet
Firmware Upgrade	• Upgrade firmware via web-browser • Keep latest setting when f/w update
Administrator Setting	•Administrator password change
Reset Setting	•Reboot •Reset to Factory Default
System monitoring	Status, Statistics and Event Log
SNMP	V1, V2c
MIB	MIB I, MIB II (RFC1213) and Private MIB
Bandwidth Measurement	Port / IP
Backup & Restore	Settings through Web

- **Environment & Physical**

Temperature Range	• Operating: -40°C~80°C / -20°C~70°C (optional) • Storage: -30°C to 90°C
Humidity (non-condensing)	5%～95% typical
Dimensions	260mm (L) x 175mm (W) x 65mm (H)
Weight	400g

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